

ABSTRACT OF THE DISCLOSURE

The invention relates to compositions, methods, apparatus, and kits for alleviating or preventing vasoconstriction or vasospasm in a mammal. The compositions, methods, apparatus, and kits are also useful for alleviating or preventing ischemic tissue damage resulting from ischemia associated with cerebral vasoconstriction which follows aneurysmal subarachnoid hemorrhage, with embolic stroke, with coronary artery obstruction, and with other conditions. These compositions, methods, apparatus, and kits generally relate to adventitial (i.e., extra-luminal) administration of a nitric oxide donor compound to a blood vessel in a mammal.